

```

=> s persephin
L1      196 PERSEPHIN

=> s l1 (6A) human
L2      28 L1 (6A) HUMAN

=> duplicate remove
ENTER L# LIST OR (END):12
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL, PCTFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L2
L3      26 DUPLICATE REMOVE L2 (2 DUPLICATES REMOVED)

=> d 1-26

L3      ANSWER 1 OF 26  USPATFULL
AN      2003:38351  USPATFULL
TI      Novel genes encoding proteins having prognostic, diagnostic, preventive,
therapeutic, and other uses
IN      Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES
Barnes, Thomas M., Brookline, MA, UNITED STATES
PI      US 2003027998      A1      20030206
AI      US 2001-796753      A1      20010301 (9)
RLI     Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998,
ABANDONED Continuation-in-part of Ser. No. US 2000-599596, filed on 22
Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec
1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec
1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on
30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072,
filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US
1998-224246, filed on 30 Dec 1998, ABANDONED Continuation-in-part of
Ser. No. US 1999-474071, filed on 29 Dec 1999, ABANDONED
Continuation-in-part of Ser. No. US 1998-223094, filed on 30 Dec 1998,
ABANDONED Continuation-in-part of Ser. No. US 2000-514010, filed on 25
Feb 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-259388,
filed on 26 Feb 1999, ABANDONED Continuation-in-part of Ser. No. US
2000-516745, filed on 1 Mar 2000, ABANDONED Continuation-in-part of Ser.
No. US 2000-597993, filed on 19 Jun 2000, PENDING Continuation-in-part
of Ser. No. US 1999-336536, filed on 18 Jun 1999, PENDING
Continuation-in-part of Ser. No. US 2000-630334, filed on 31 Jul 2000,
PENDING Continuation-in-part of Ser. No. US 1999-365164, filed on 30 Jul
1999, ABANDONED Continuation-in-part of Ser. No. US 2000-665666, filed
on 20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-399723,
filed on 20 Sep 1999, ABANDONED Continuation-in-part of Ser. No. US
2000-667751, filed on 21 Sep 2000, PENDING Continuation-in-part of Ser.
No. US 1999-409634, filed on 30 Sep 1999, ABANDONED Continuation-in-part
of Ser. No. US 2000-572002, filed on 15 May 2000, PENDING
Continuation-in-part of Ser. No. US 1999-312359, filed on 14 May 1999,
ABANDONED Continuation-in-part of Ser. No. US 2000-606565, filed on 29
Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-342687, filed
on 29 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US
2000-606317, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser.
No. US 1999-345464, filed on 30 Jun 1999, ABANDONED
PRAI    US 1999-122458P      19990301 (60)
DT      Utility
FS      APPLICATION
LN.CNT  22222
INCL    INCLM: 536/023.100
NCL     NCLM: 536/023.100
IC      [7]
ICM: C07H021-02
ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3      ANSWER 2 OF 26  USPATFULL
AN      2002:301743  USPATFULL
TI      Cystine knot growth factor mutants
IN      Weintraub, Bruce D., Rockville, MD, UNITED STATES
Szkudlinski, Mariusz W., Potomac, MD, UNITED STATES

```

PI 'US 2002169292 A1 21114
AI US 2001-813398 A1 20010320 (9)
RLI Continuation of Ser. No. WO 1999-US5908, filed on 19 Mar 1999, UNKNOWN
PRAI WO 1998-US19772 19980922
DT Utility
FS APPLICATION
LN.CNT 13856
INCL INCLM: 530/397.000
INCLS: 514/008.000; 536/023.500; 435/069.400; 435/325.000; 435/320.100
NCL NCLM: 530/397.000
NCLS: 514/008.000; 536/023.500; 435/069.400; 435/325.000; 435/320.100
IC [7]
ICM: A61K038-22
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-575
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 26 USPATFULL
AN 2002:106258 USPATFULL
TI Novel neurotrophic factors
IN Johansen, Teit E., Horsholm, DENMARK
Sah, Dinah Wen-Yee, Boston, MA, UNITED STATES
PI US 2002055467 A1 20020509
AI US 2001-804615 A1 20010312 (9)
RLI Continuation-in-part of Ser. No. US 1999-347613, filed on 2 Jul 1999,
PENDING
PRAI DK 1998-1265 19981006
DK 1998-1048 19980819
DK 1998-904 19980706
US 1998-103908P 19981013 (60)
US 1998-97774P 19980825 (60)
DT Utility
FS APPLICATION
LN.CNT 3980
INCL INCLM: 514/012.000
INCLS: 435/226.000; 424/094.630
NCL NCLM: 514/012.000
NCLS: 435/226.000; 424/094.630
IC [7]
ICM: C12N009-64
ICS: A61K038-48
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 26 USPATFULL
AN 2002:4289 USPATFULL
TI ARTEMIN, A NEUROTROPHIC FACTOR
IN MILBRANDT, JEFFREY D., ST LOUIS, MO, UNITED STATES
BALOH, ROBERT H., ST LOUIS, MO, UNITED STATES
PI US 2002002269 A1 20020103
AI US 1998-220920 A1 19981224 (9)
RLI Division of Ser. No. US 1998-218698, filed on 22 Dec 1998, PENDING
Continuation-in-part of Ser. No. US 1998-163283, filed on 29 Sep 1998,
ABANDONED
PRAI US 1998-108148P 19981112 (60)
DT Utility
FS APPLICATION
LN.CNT 2669
INCL INCLM: 530/351.000
INCLS: 530/839.000; 530/324.000; 536/023.510; 514/012.000; 435/320.100;
435/325.000; 514/044.000; 530/387.900; 530/388.240; 435/007.100;
435/006.000
NCL NCLM: 530/351.000
NCLS: 530/839.000; 530/324.000; 536/023.510; 514/012.000; 435/320.100;
435/325.000; 514/044.000; 530/387.900; 530/388.240; 435/007.100;
435/006.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; A61K038-00; C07H021-04; A61K031-70; A01N043-04;
A61K045-00; C12N015-00; C12N015-09; C12N015-63
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 26 USPATFULL
 AN 2002:136782 USPATFULL
 TI Polynucleotides encoding persephin and related growth factors
 IN Johnson, Jr., Eugene M., St. Louis, MO, United States
 Milbrandt, Jeffrey D., St. Louis, MO, United States
 Kotzbauer, Paul T., Swarthmore, PA, United States
 Lampe, Patricia A., St. Louis, MO, United States
 PA Washington University, St. Louis, MO, United States (U.S. corporation)
 PI US 6403335 B1 20020611
 AI US ~~1998-128026~~ 19980731 (9)
 RLI Division of Ser. No. US 981739, now patented, Pat. No. US 6232449
 Continuation-in-part of Ser. No. US 1996-615944, filed on 14 Mar 1996,
 now abandoned
 DT Utility
 FS GRANTED
 LN.CNT 3796
 INCL INCLM: 435/069.400
 INCLS: 435/320.000; 435/325.000; 435/252.300; 536/023.510
 NCL NCLM: 435/069.400
 NCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.510
 IC [7]
 ICM: C12N015-18
 ICS: C12N015-85; C12N015-63
 EXF 536/23.51; 435/69.4; 435/320.1; 435/325; 435/252.3
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2002078730 PCTFULL ED 20021022 EW 200241
 TIEN TREATMENT USING NEUBLASTIN POLYPEPTIDES
 TIFR TRAITEMENT UTILISANT DES POLYPEPTIDES DE NEUBLASTINE
 IN SAH, Dinah, W., Y., 4 Longfellow Place, Apt. 2608, Boston, MA 02114, US
 [US, US]
 PA BIOGEN, INC., 14 Cambridge Center, Cambridge, Massachusetts 02142, US
 [US, US], for all designates States except US;
 SAH, Dinah, W., Y., 4 Longfellow Place, Apt. 2608, Boston, MA 02114, US
 [US, US], for US only
 AG ELRIFI, Ivor, R., Mintz, Levin, Cohn, Ferris,, Glovsky and Popeo, P.C.,
 One Financial Center, Bosotn, MA 02111, US
 LAF English
 LA English
 DT Patent
 PI WO 2002078730 A2 20021010
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ
 UA UG US UZ VN YU ZA ZM ZW
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 AI WO 2002-US6388 A 20020228
 PRAI US 2001-60/287,554 20010328
 US 2001-09/820,421 20010328
 ICM A61K038-00

L3 ANSWER 7 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2002072826 PCTFULL ED 20020927 EW 200238
 TIEN NOVEL NEUROTROPHIC FACTORS
 TIFR NOUVEAUX FACTEURS NEUROTROPHIQUES
 IN SAH, Dinah, Wen, Yee, Biogen, Inc., 14 Cambridge Center, Cambridge, MA
 02142, US [US, US];
 JOHANSEN, Teit, E., NS Gene A/S, Pederstrupvej 93, DK-2750 Ballerup, DK
 [DK, DK];
 ROSSOMANDO, Anthony, 50 Asti Avenue, Revere, MA 02151, US [US, US]
 PA BIOGEN, INC., 14 Cambridge Center, Cambridge, MA 02142, US [US, US], for
 all designates States except US;
 NS GENE A/S, Pederstrupvej 93, DK-2750 Ballerup, DK [DK, DK], for all

designates States except ;
 SAH, Dinah, Wen, Yee, Biogen, Inc., 14 Cambridge Center, Cambridge, MA
 02142, US [US, US], for US only;
 JOHANSEN, Teit, E., NS Gene A/S, Pederstrupvej 93, DK-2750 Ballerup, DK
 [DK, DK], for US only;
 ROSSOMANDO, Anthony, 50 Asti Avenue, Revere, MA 02151, US [US, US], for
 US only
 AG MACLEAN, Martin, Robert, Mathys & Squire, 100 Gray's Inn Road, London
 WC1X 8AL, GB
 LAF English
 LA English
 DT Patent
 PI WO 2002072826 A2 20020919
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ
 UA UG US UZ VN YU ZA ZM ZW
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 AI WO 2002-EP2691 A 20020312
 PRAI US 2001-09/804,615 20010312
 ICM C12N015-12
 ICS C07K014-475; A61K038-18; C12Q001-68; C12N001-21; C12N005-10

L3 ANSWER 8 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2002:438183 BIOSIS

DN PREV200200438183

TI Effects of cerebral ischemia in mice deficient in Persephin.

AU Tomac, Andreas C.; Agulnick, Alan D.; Haughey, Norman; Chang, Chen-Fu;
 Zhang, Yajun; Backman, Cristina; Morales, Marisela; Mattson, Mark P.;
 Wang, Yun; Westphal, Heiner; Hoffer, Barry J. (1)

CS (1) National Institutes of Health/National Institute on Drug Abuse, 5500
 Nathan Shock Drive, Baltimore, MD, 21224: bhoffer@intra.nida.nih.gov USA
 SO Proceedings of the National Academy of Sciences of the United States of
 America, (July 9, 2002) Vol. 99, No. 14, pp. 9521-9526.

<http://www.pnas.org>. print.

ISSN: 0027-8424.

DT Article

LA English

L3 ANSWER 9 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 1

AN 2001:473140 BIOSIS

DN PREV200100473140

TI Persephin and related growth factors.

AU Johnson, Eugene M.; Milbrandt, Jeffrey D.; Kotzbauer, Paul T. (1); Lampe,
 Patricia A.; Klein, Robert; DeSauvage, Fred

CS (1) Aston, PA USA

ASSIGNEE: Washington University

PI US 6222022 April 24, 2001

SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Apr. 24, 2001) Vol. 1245, No. 4, pp. No Pagination. e-file.

ISSN: 0098-1133.

DT Patent

LA English

L3 ANSWER 10 OF 26 USPATFULL

AN 2001:147751 USPATFULL

TI Artemin, a novel neurotrophic factor

IN Milbrandt, Jeffrey D., St. Louis, MO, United States

Baloh, Robert H., St. Louis, MO, United States

PA Washington University, St. Louis, MO, United States (U.S. corporation)

PI US 6284540 B1 20010904

AI US 1998-220528 19981224 (9)

RLI Division of Ser. No. US 1998-218698, filed on 22 Dec 1998

Continuation-in-part of Ser. No. US 1998-163283, filed on 29 Sep 1998

PRAI 'US 1998-108148P 1998 2 (60)

DT Utility

FS GRANTED

LN.CNT 2590

INCL INCLM: 435/455.000

INCLS: 435/320.100; 435/325.000; 435/366.000; 435/368.000; 435/383.000;
435/384.000; 536/023.500

NCL NCLM: 435/455.000

NCLS: 435/320.100; 435/325.000; 435/366.000; 435/368.000; 435/383.000;
435/384.000; 536/023.500

IC [7]

ICM: C12N005-00

ICS: C12N005-08; C12N015-63; C12N015-85; C07H021-04

EXF 530/350; 514/44; 435/4; 435/320.1; 435/5; 435/29; 536/23.5

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 26 USPATFULL

AN 2001:71683 USPATFULL

TI Persephin and related growth factors

IN Johnson, Jr., Eugene M., St. Louis, MO, United States

Milbrandt, Jeffrey D., St. Louis, MO, United States

Kotzbauer, Paul T., Swarthmore, PA, United States

Lampe, Patricia A., St. Louis, MO, United States

PA Washington University, St. Louis, MO, United States (U.S. corporation)

PI US 6232449 B1 20010515

WO 9733911 19970918

AI US 1998-981739 19980831 (8)

WO 1997-US3461 19970314

19980831 PCT 371 date

19980831 PCT 102(e) date

RLI Continuation-in-part of Ser. No. US 1996-615944, filed on 14 Mar 1996,
now abandoned

DT Utility

FS Granted

LN.CNT 3790

INCL INCLM: 530/399.000

INCLS: 530/350.000

NCL NCLM: 530/399.000

NCLS: 530/350.000

IC [7]

ICM: C07K014-48

EXF 530/350; 530/399; 930/20

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 26 PCTFULL COPYRIGHT 2003 Univentio

AN 2001081363 PCTFULL ED 20020826

TIEN NOVEL COMPOUNDS

TIFR NOUVEAUX COMPOSES

IN AGARWAL, Pankaj;

MURDOCK, Paul, R.;

RIZVI, Safia, K.;

SMITH, Randall, F.;

XIANG, Zhaoying;

KABNICK, Karen, S.;

LAI, Ying-Ta;

XIE, Qing

PA SMITHKLINE BEECHAM CORPORATION;

SMITHKLINE BEECHAM P.L.C.;

AGARWAL, Pankaj;

MURDOCK, Paul, R.;

RIZVI, Safia, K.;

SMITH, Randall, F.;

XIANG, Zhaoying;

KABNICK, Karen, S.;

LAI, Ying-Ta;

XIE, Qing

DT Patent

PI WO 2001081363 A1 20011101

DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ

DE DK DM DZ ES FI GB GD GE GH GM HR HU ID IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ
 VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG
 KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 2001-US13360 A 20010426
 PRAI US 2000-60/199,963 20000427
 US 2000-60/203,336 20000511
 US 2000-60/207,087 20000525
 US 2000-60/207,546 20000526
 ICM C07H021-04
 ICS C12P021-06; C12N009-00; C12N001-20; C12N015-00

L3 ANSWER 13 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2001062273 PCTFULL ED 20020822
 TIEN THE USE OF GDNF FAMILY-RELATED COMPOUNDS FOR MANUFACTURING PRODUCTS FOR
 TIFR TREATING TESTICULAR TUMORS
 UTILISATION DE COMPOSES DE LA FAMILLE GDNF POUR FABRIQUER DES PRODUITS
 DESTINES AU TRAITEMENT DE TUMEURS TESTICULAIRES

IN SARIOLA, Hannu;
 MENG, Xiaojuan;
 HYVOENEN, Mervi;
 LINDAHL, Maria;
 SAARMA, Mart
 PA SARIOLA, Hannu;
 MENG, Xiaojuan;
 HYVOENEN, Mervi;
 LINDAHL, Maria;
 SAARMA, Mart

DT Patent
 PI WO 2001062273 A1 20010830
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
 PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 2001-FI173 A 20010221
 PRAI FI 2000-20000403 20000222
 ICM A61K038-18

L3 ANSWER 14 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2001047946 PCTFULL ED 20020827
 TIEN GFra1-RET SPECIFIC AGONISTS AND METHODS THEREFOR
 TIFR AGONISTES SPECIFIQUES POUR GRFSG(A)1-RET ET PROCEDES CORRESPONDANTS

IN MILBRANDT, Jeffrey, D.;
 BALOH, Robert, H.
 PA WASHINGTON UNIVERSITY;
 MILBRANDT, Jeffrey, D.;
 BALOH, Robert, H.

DT Patent
 PI WO 2001047946 A2 20010705
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
 PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 2000-US34852 A 20001221
 PRAI US 1999-09/473,551 19991228

L3 ANSWER 15 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2001016169 PCTFULL ED 20020828
 TIEN RET LIGAND 5 (RetL5) COMPOSITIONS AND USES THEREOF
 TIFR COMPOSITIONS A BASE DE LIGAND 5 (RetL5) ET SES UTILISATIONS
 IN WORLEY, Dane

PA BIOGEN, INC.;
 WORLEY, Dane
 DT Patent
 PI WO 2001016169 A2 20010308
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN
 YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
 PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
 AI WO 2000-US24111 A 20000901
 PRAI US 1999-60/152,024 19990901
 ICM C07K014-00

L3 ANSWER 16 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 2001:276933 BIOSIS
 DN PREV200100276933
 TI Production, purification, and biological activity analysis of recombinant
human Persephin expressed in insect cells.
 AU Chen, Zhe-Yu (1); Zheng, Xing-Dong; Cao, Li; Lu, Chang-Lin; Wu, Xiang-Fu;
 He, Cheng (1)
 CS (1) Department of Neurobiology, Second Military Medical University, 800
 Xiangyin Road, Shanghai, 200433: chengzyk@online.sh.cn,
 chenghe@online.sh.cn China
 SO Protein and Peptide Letters, (April, 2001) Vol. 8, No. 2, pp. 131-138.
 print.
 ISSN: 0929-8665.
 DT Article
 LA English
 SL English

L3 ANSWER 17 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2000034475 PCTFULL ED 20020515
 TIEN GRNF4, A GDNF-RELATED NEUROTROPHIC FACTOR
 TIFR FACTEUR DE CROISSANCE NEUROTROPHIQUE ISSU DES CELLULES GLIALES (GRNF4),
 UN FACTEUR NEUROTROPHIQUE
 IN SIMONET, William, Scott;
 ASUNCION, Franklin, J.;
 MIN, Hosung;
 JING, Shuqian
 PA AMGEN INC.;
 SIMONET, William, Scott;
 ASUNCION, Franklin, J.;
 MIN, Hosung;
 JING, Shuqian
 LA English
 DT Patent
 PI WO 2000034475 A2 20000615
 DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
 SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH
 GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
 BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
 CG CI CM GA GN GW ML MR NE SN TD TG
 AI WO 1999-US28975 A 19991208
 PRAI US 1998-60/111,626 19981209
 ICM C12N015-12
 ICS C07K014-475; C07K016-22; C12N005-10; C12N005-12; A61K038-18;
 A61K035-12

L3 ANSWER 18 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2000018799 PCTFULL ED 20020515
 TIEN ARTEMIN, A NOVEL NEUROTROPHIC FACTOR
 TIFR L'ARTEMINE, UN NOUVEAU FACTEUR NEUROTROPHIQUE
 IN MILBRANDT, Jeffrey, D.;
 BALOH, Robert, H.
 PA WASHINGTON UNIVERSITY;

MILBRANDT, Jeffrey, D.;
 BALOH, Robert, H.
 English
 Patent
 WO 2000018799 A1 20000406
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD
 SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE
 LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
 CM GA GN GW ML MR NE SN TD TG
 AI WO 1999-US22604 A 19990929
 PRAI US 1998-09/163,283 19980929
 US 1998-60/108,148 19981112
 US 1998-09/218,698 19981222
 ICM C07K014-47
 ICS C07K014-475; C12N005-10; C12N015-12; C12N015-16; C12N015-63;
 C12N015-64; A61K038-16; A61K038-17; A61K038-18; A61K039-395;
 A61K048-00
 L3 ANSWER 19 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2000017360 PCTFULL ED 20020515
 TIEN CYSTINE KNOT GROWTH FACTOR MUTANTS
 TIFR MUTANTS DU FACTEUR DE CROISSANCE A NOEUD DE CYSTINE
 IN WEINTRAUB, Bruce, D.;
 SZKUDLINSKI, Mariusz, W.
 PA UNIVERSITY OF MARYLAND, BALTIMORE;
 WEINTRAUB, Bruce, D.;
 SZKUDLINSKI, Mariusz, W.
 English
 Patent
 WO 2000017360 A1 20000330
 W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI
 GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
 SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD
 SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
 FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
 ML MR NE SN TD TG
 AI WO 1999-US5908 A 19990319
 PRAI US 1998-PCT/US98/19772 19980922
 ICM C12N015-16
 ICS C07K014-59; C07K014-49; C07K014-475; C07K014-495; C07K014-47;
 C07K014-51; C07K014-575; A61K038-24; G01N033-68
 L3 ANSWER 20 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2000006731 PCTFULL ED 20020515
 TIEN PERSEPHIN ARF, A PROTEIN ENCODED BY UNSPLICED PERSEPHIN MRNA
 TIFR LA PERSEPHINE ARF, PROTEINE CODEE PAR UN ARNM DE PERSEPHINE SANS
 EPISSURE
 IN JOHNSON, Eugene, M., Jr.;
 MILBRANDT, Jeffrey, D.;
 KOTZBAUER, Paul, T.;
 LAMPE, Patricia, A.;
 KLEIN, Robert;
 DE SAUVAGE, Fred
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 GENENTECH, INC.;
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 MILBRANDT, Jeffrey, D.;
 KOTZBAUER, Paul, T.;
 LAMPE, Patricia, A.;
 KLEIN, Robert;
 DE SAUVAGE, Fred
 English
 Patent
 WO 2000006731 A2 20000210
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GM HR HU ID IL IN IS JP KE KG KR KZ LC LK
 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RU SD SE SG
 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW
 SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
 ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
 GW ML MR NE SN TD TG

AI WO 1999-US17277 A 19990730
 PRAI US 1998-09/126,799 19980731
 ICM C12N015-12
 ICS C12N015-11; C07K014-475; C07K016-22; C12Q001-68; G01N033-53

L3 ANSWER 21 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2000004050 PCTFULL ED 20020515
 TIEN NEUROTROPHIC GROWTH FACTOR
 TIFR FACTEUR DE CROISSANCE NEUROTROPHIQUE
 IN GEERTS, Hugo, Alfonso;
 MASURE, Stefan, Leo, Jozef;
 MEERT, Theo, Frans;
 CIK, Miroslav;
 VER DONCK, Luc, August, Laurentius
 PA JANSSEN PHARMACEUTICA N.V.;
 GEERTS, Hugo, Alfonso;
 MASURE, Stefan, Leo, Jozef;
 MEERT, Theo, Frans;
 CIK, Miroslav;
 VER DONCK, Luc, August, Laurentius

LA English

DT Patent

PI WO 2000004050 A2 20000127

DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
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 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW
 SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
 ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
 GW ML MR NE SN TD TG

AI WO 1999-EP5031 A 19990714
 PRAI GB 1998-9815283.8 19980714
 US 1999-09/248,772 19990212
 US 1999-09/327,668 19990608
 ICM C07K014-475
 ICS C12N015-11; C12N015-63; C12N005-16; A61K038-18; G01N033-53;
 G01N033-68; C12Q001-68

L3 ANSWER 22 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 2000001815 PCTFULL ED 20020515
 TIEN NEUROTROPHIC FACTORS
 TIFR FACTEURS NEUROTROPHIQUES
 IN JOHANSEN, Teit, E.;
 BLOM, Nikolaj;
 HANSEN, Claus
 PA NEUROSEARCH A/S;
 JOHANSEN, Teit, E.;
 BLOM, Nikolaj;
 HANSEN, Claus

LA English

DT Patent

PI WO 2000001815 A2 20000113

DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
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 SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
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 GW ML MR NE SN TD TG

AI WO 1999-DK384 A 19990705
 PRAI DK 1998-1998 00904 19980706
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US 1998-60/097,774 80825
 DK 1998-1998 01265 19981006
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 US 1999-09/347,613 19990702
 ICM C12N015-12
 ICS C07K014-475; C12Q001-68; G01N033-53; G01N033-50; C07K016-22;
 A61K038-18; A61K048-00; G01N033-68

 L3 ANSWER 23 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 1999049039 PCTFULL ED 20020515
 TIEN GFRα3 AND ITS USES
 TIFR LE GFRα3 ET SES UTILISATIONS
 IN DE SAUVAGE, Frederic, J.;
 KLEIN, Robert, D.;
 PHILLIPS, Heidi, S.;
 ROSENTHAL, Arnon
 PA GENENTECH, INC.
 LA English
 DT Patent
 PI WO 9949039 A2 19990930
 DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD
 SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
 FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
 ML MR NE SN TD TG
 AI WO 1999-US6098 A 19990319
 PRAI US 1998-60/079,124 19980323
 US 1998-60/081,569 19980413
 ICM C12N015-12
 ICS C07K014-71; C12N015-85; C12N015-70; C12N015-81; C12N001-19;
 C12N005-10; C12N001-21; C07K019-00; C07K016-28; G01N033-68;
 C12Q001-42; A61K039-395

 L3 ANSWER 24 OF 26 PCTFULL COPYRIGHT 2003 Univentio
 AN 1999014235 PCTFULL ED 20020515
 TIEN PERSEPHIN AND RELATED GROWTH FACTORS
 TIFR PERSEPHINE ET FACTEURS DE CROISSANCE ASSOCIES
 IN JOHNSON, Eugene, M.;
 MILBRANDT, Jeffrey, D.;
 KOTZBAUER, Paul, T.;
 LAMPE, Patricia, A.;
 KLEIN, Robert;
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 PA WASHINGTON UNIVERSITY;
 JOHNSON, Eugene, M.;
 MILBRANDT, Jeffrey, D.;
 KOTZBAUER, Paul, T.;
 LAMPE, Patricia, A.;
 KLEIN, Robert;
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 LA English
 DT Patent
 PI WO 9914235 A1 19990325
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI
 GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW
 AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
 TD TG
 AI WO 1998-US19163 A 19980915
 PRAI US 1997-08/931,858 19970916
 ICM C07K014-475
 ICS C07K016-26; C12N015-18; C12N015-85; C12N015-63; C07H021-00;
 A61K038-18; A61K048-00; C12Q001-68; G01N033-53; C12P019-34

AN '1999172098 MEDLINE
 DN 99172098 PubMed ID: 10072588
 TI Assignment of **persephin** (PSPN), a **human** neurotrophic factor, to chromosome 19p13.3 by radiation hybrid mapping and somatic cell hybrid PCR.
 AU Chadwick B P; Helbling L A; Angrist M; Chakravarti A; Gusella J F; Slaugenhaupt S A
 CS Molecular Neurogenetics Unit, Massachusetts General Hospital, Charlestown MA, USA.
 NC NS36326 (NINDS)
 SO CYTOGENETICS AND CELL GENETICS, (1998) 83 (3-4) 236-7.
 Journal code: 0367735. ISSN: 0301-0171.
 CY Switzerland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199903
 ED Entered STN: 19990413
 Last Updated on STN: 19990413
 Entered Medline: 19990330

L3 ANSWER 26 OF 26 PCTFULL COPYRIGHT 2003 Univentio

AN 1997033911 PCTFULL ED 20020514

TIEN PERSEPHIN AND RELATED GROWTH FACTORS

TIFR PERSEPHINE ET FACTEURS DE CROISSANCE ASSOCIES

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KOTZBAUER, Paul, T.;

LAMPE, Patricia, A.

LA English

DT Patent

PI WO 9733911

A1 19970918

DS W:

AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB
 GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN
 MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US
 UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT
 BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
 CI CM GA GN ML MR NE SN TD TG

AI WO 1997-US3461

A 19970314

PRAI US 1996-8/615,944

19960314

ICM C07K014-475

ICS C07K016-26; C12N015-18; C12N015-85; C12N015-63; C12N001-21;
 C07H021-00; A61K038-18; A61K048-00; C12Q001-68; G01N033-53;
 C12P019-34